What is claimed is:

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1. A power generating system comprising a power generator generating DC power, and an inverter circuit for converting DC power generated by the power generator into AC power,

wherein said power generator comprises a plurality of power generating modules each comprising a plurality of power generating units or power generation parts and at least one electric storage means connected in parallel with each of the plurality of power generating modules; and comprises

positive/negative buses connected to an input side of said inverter circuit,

a plurality of first switch means for connecting/disconnecting each of positive electrodes of the plurality of power generating modules to/from the positive bus,

a plurality of second switch means for connecting/disconnecting each of the positive electrodes of the plurality of power generating modules to/from a negative electrode of the power generating module contiguous to the one side, and

a plurality of third switch means for connecting/disconnecting each of negative electrodes of the plurality of power generating modules to/from the negative bus.

- 2. A power generating system according to claim 1, wherein said plurality of first, second and third switch means are individually comprised of semiconductor switching elements; said power generating system having a control device to switch an output voltage of said power generator in multi-levels by switching these plurality of first, second and third switch means.
- 3. The power generating system according to claim 2, wherein said the plurality of power generating modules are divided into a plurality of groups and

said control device controlls the first and third switch means to connect in parallel with the plurality of power generating modules of each group the positive/negative buses while the plurality of second switch means connect the plurality of power generating modules of each group in series.

- 5 4. The power generating system according to claim 2, wherein said inverter circuit comprises a plurality of semiconductor switching elements and these semiconductor switching elements are controlled by said control device.
 - 5. The power generating system according to claim 3, comprising voltage detection means detecting a voltage of AC power system in which said power generation system supplies the power thereto, wherein said control device controls the first, second and third switch means and the plurality of semiconductor switching elements of said inverter circuit based on the detection signals of the voltage detection means.

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- 6. The power generating system according to claim 1, wherein the plurality of power generation units of said power generating modules are aligned in a matrix with a plurality of rows and columns and connected in a series-parallel connection.
- 7. The power generating system according to claim 1, wherein each of said power generation units is comprised of a solar cell made from granular semiconductor materials with a pn junction.
- 8. The power generating system according to claim 1, wherein said power generator is comprised of a fuel cell each of which is layered with a plurality of single cells and said power generation unit is comprised of said single cells.
- 9. The power generating system according to claim 1, wherein said electric25 storage means is an electric double layer capacitor.

10. The power generating system according to claim 1, wherein said electric storage means is a secondary battery.